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APPENDIX B

PENDING CLAIMS WITH ENTRY OF AMENDMENT

1. (Once Amended) An isolated nucleic acid construct comprising a polynucleotide sequence encoding a polypeptide at least 80% identical to SEQ ID NO:4, wherein the polynucleotide sequence, when introduced into a plant, enhances resistance to pathogens compared to resistance of a plant not transformed with the polynucleotide sequence, and

wherein a first amino acid sequence comprising the polypeptide binds with a second amino acid sequence comprising SEQ ID NO:2 in a yeast two-hybrid binding assay.

2. The construct of claim 1, wherein the polynucleotide is from a rice plant.

13. The construct of claim 1, wherein the polynucleotide is SEQ ID NO:3.

22. The construct of claim 1, wherein the polynucleotide encodes SEQ ID:4.

30. The construct of claim 1, further comprising a promoter operably linked to the polynucleotide sequence.

31. (Once Amended) A transgenic plant comprising a recombinant expression cassette comprising a plant promoter operably linked to a polynucleotide sequence encoding a polypeptide at least 80% identical to SEQ ID NO:4, wherein the polynucleotide sequence, when introduced into a plant, enhances resistance to pathogens compared to resistance of a plant not transformed with the polynucleotide sequence, and

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wherein a first amino acid sequence comprising the polypeptide binds with a second amino acid sequence comprising SEQ ID NO:2 in a yeast two-hybrid binding assay.

32. The transgenic plant of claim 31, wherein the plant is rice.

43. The transgenic plant of claim 31, wherein the polynucleotide is SEQ ID NO:3.

52. The transgenic plant of claim 31, wherein the polynucleotide encodes SEQ ID:4.

60. (Once Amended) A method of enhancing resistance to pathogens in a plant, the method comprising

1) introducing into the plant a recombinant expression cassette comprising a plant promoter operably linked to a polynucleotide sequence, wherein the polynucleotide sequence encodes a polypeptide at least 80% identical to SEQ ID NO:4, wherein a first amino acid sequence comprising the polypeptide binds with a second amino acid sequence comprising SEQ ID NO:2 when assayed in a yeast two-hybrid binding assay; and

2) selecting a plant with enhanced resistance compared to resistance of a plant not transformed with the recombinant expression cassette.

62. The method of claim 60, wherein the polypeptide comprises SEQ ID NO:4.

70. (New) The construct of claim 1, wherein the promoter is constitutive.

71. (New) The construct of claim 1, wherein the promoter is inducible.

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72. (New) The construct of claim 1, wherein the promoter is tissue-specific.

73. (New) The transgenic plant of claim 31, wherein the plant promoter is constitutive.

74. (New) The transgenic plant of claim 31, wherein the plant promoter is inducible.

75. (New) The transgenic plant of claim 31, wherein the plant promoter is tissue-specific.

76. (New) The method of claim 60, wherein the plant promoter is constitutive.

77. (New) The method of claim 60, wherein the plant promoter is inducible.

78. (New) The method of claim 60, wherein the plant promoter is tissue-specific.

79. (New) The method of claim 60, wherein the plant is from the genus *Oryza*.

SF 1297995 v2